

**Table C-5. Federal obligations for total research and development, by agency  
and character of work: fiscal year 1999**

[Dollars in thousands]

Page 1 of 3

Agency and subdivision	Total	Research		Development		
		Basic	Applied	Total	Advanced technology	Major systems
Total, all agencies .....	75,340,622	17,443,653	16,083,861	41,813,108	NA	NA
Departments:						
Department of Agriculture, total .....	1,614,133	743,295	744,764	126,074	NA	NA
Agricultural Marketing Service .....	4,719	0	4,015	704	NA	NA
Agricultural Research Service .....	855,086	461,747	316,382	76,957	NA	NA
Animal & Plant Health Inspection Service .....	20,426	0	0	20,426	NA	NA
Cooperative State Rsch, Ed, & Extension Svc .....	462,541	189,642	272,899	0	NA	NA
Economic Research Service .....	62,488	6,249	56,239	0	NA	NA
Food Safety Inspection Service .....	664	125	125	414	NA	NA
Foreign Agricultural Service .....	1,422	865	557	0	NA	NA
Forest Service .....	197,000	80,777	88,650	27,573	NA	NA
Grain Inspection Packers & Stockyards Admin .....	2,714	2,714	0	0	NA	NA
National Agricultural Statistics Service .....	3,573	1,176	2,397	0	NA	NA
Rural Business-Cooperative Service .....	3,500	0	3,500	0	NA	NA
Department of Commerce, total .....	990,226	49,128	798,872	142,226	NA	NA
Bureau of the Census .....	15,000	2,037	3,835	9,128	NA	NA
Economic Development Administration .....	550	0	550	0	NA	NA
National Institute of Standards & Technology .....	402,228	42,003	266,948	93,277	NA	NA
National Oceanic & Atmospheric Administration .....	547,222	5,088	523,730	18,404	NA	NA
Nat'l Telecommunications & Information Admin .....	25,226	0	3,809	21,417	NA	NA
Department of Defense, total .....	35,645,859	1,040,210	3,102,052	31,503,597	NA	NA
Department of the Air Force .....	14,022,344	191,401	573,368	13,257,575	804,054	12,453,521
Department of the Army, total .....	5,038,930	181,121	667,278	4,190,531	NA	NA
Department of the Army, Civil Functions <sup>1</sup> .....	44,804	5,376	21,506	17,922	NA	NA
Department of the Army, Military Functions .....	4,994,126	175,745	645,772	4,172,609	615,306	3,557,303
Department of the Navy .....	8,826,791	355,761	517,482	7,953,548	570,877	7,382,671
Defense Agencies, total .....	7,455,876	311,927	1,343,924	5,800,025	2,253,993	3,546,032
Ballistic Missile Defense Organization .....	3,186,227	0	104,487	3,081,740	421,434	2,660,306
Defense Advanced Research Projects Agency .....	1,947,192	49,664	898,967	998,561	917,216	81,345
Defense Information Systems Agency .....	123,771	0	1,951	121,820	0	121,820
Defense Logistics Agency .....	72,140	0	8,090	64,050	56,413	7,637
Defense Threat Reduction Agency .....	342,614	0	202,820	139,794	139,794	0
Joint Staff .....	159,475	0	0	159,475	134,911	24,564
Special Operations Command .....	200,743	0	17,866	182,877	76,809	106,068
Washington Headquarters Services .....	1,423,714	262,263	109,743	1,051,708	507,416	544,292
Operational Test & Evaluation, Director .....	44,667	0	0	44,667	0	44,667
Test & Evaluation, Deputy Under Sec of Defense .....	257,251	0	0	257,251	0	257,251
Department of Education .....	223,697	2,049	146,577	75,071	NA	NA
Department of Energy .....	6,009,730	2,131,823	1,787,991	2,089,916	NA	NA
Department of Health & Human Services, total .....	15,914,736	8,632,526	5,082,114	2,200,096	NA	NA
Administration on Aging .....	18,526	0	2,381	16,145	NA	NA
Administration for Children & Families .....	24,893	0	24,893	0	NA	NA
Agency for Healthcare Research and Quality <sup>2</sup> .....	182,273	0	171,337	10,936	NA	NA
Centers for Disease Control & Prevention .....	433,307	0	433,307	0	NA	NA
Food & Drug Administration .....	130,802	0	130,802	0	NA	NA
Health Care Financing Administration .....	49,671	0	49,671	0	NA	NA
Health Resources & Services Administration .....	12,798	1,182	11,616	0	NA	NA
National Institutes of Health .....	14,755,439	8,631,344	4,244,159	1,879,936	NA	NA
Office of the Secretary, total .....	17,720	0	13,948	3,772	NA	NA
Office of the Asst Sec, Planning & Evaluation .....	13,948	0	13,948	0	NA	NA
Office of Public Health & Science .....	3,772	0	0	3,772	NA	NA
Substance Abuse & Mental Health Svcs Admin <sup>3</sup> .....	289,307	0	0	289,307	NA	NA
Department of Housing & Urban Development .....	56,969	0	19,067	37,902	NA	NA

See explanatory information, if any, and SOURCE at end of table.

**Table C-5. Federal obligations for total research and development, by agency  
and character of work: fiscal year 1999**

[Dollars in thousands]

Page 2 of 3

Agency and subdivision	Total	Research		Development		
		Basic	Applied	Total	Advanced technology	Major systems
Department of the Interior, total .....	641,542	59,136	550,910	31,496	NA	NA
Bureau of Reclamation .....	10,269	0	7,702	2,567	NA	NA
Geological Survey .....	579,087	58,636	491,522	28,929	NA	NA
Minerals Management Service .....	28,752	0	28,752	0	NA	NA
National Park Service .....	23,434	500	22,934	0	NA	NA
Department of Justice, total .....	118,605	17,775	36,249	64,581	NA	NA
Bureau of Prisons .....	10,953	0	7,449	3,504	NA	NA
Federal Bureau of Investigation .....	36,343	0	0	36,343	NA	NA
Immigration & Naturalization Service .....	200	0	0	200	NA	NA
Office of Justice Programs .....	71,109	17,775	28,800	24,534	NA	NA
Department of Labor, total .....	54,139	11,100	16,626	26,413	NA	NA
Bureau of Labor Statistics .....	12,400	11,100	1,300	0	NA	NA
Employment & Training Administration .....	33,783	0	8,816	24,967	NA	NA
Occupational Safety & Health Administration .....	3,757	0	3,757	0	NA	NA
Office of the Secretary .....	976	0	156	820	NA	NA
Pension Benefit Guaranty Corporation .....	683	0	57	626	NA	NA
Pension & Welfare Benefits Administration .....	2,540	0	2,540	0	NA	NA
Department of State <sup>4</sup> .....	1,473	0	1,473	0	NA	NA
Department of Transportation, total .....	666,950	60,689	415,979	190,282	NA	NA
Coast Guard .....	20,275	0	5,069	15,206	NA	NA
Federal Aviation Administration .....	205,309	0	142,322	62,987	NA	NA
Federal Highway Administration .....	333,205	60,689	187,155	85,361	NA	NA
Federal Railroad Administration .....	20,881	0	20,304	577	NA	NA
Federal Transit Administration .....	20,544	0	4,800	15,744	NA	NA
National Highway Traffic Safety Admin .....	50,350	0	50,350	0	NA	NA
Office of the Secretary .....	9,097	0	0	9,097	NA	NA
Research & Special Programs Administration .....	7,289	0	5,979	1,310	NA	NA
Department of the Treasury, total .....	64,715	25	50,705	13,985	NA	NA
Bureau of Engraving & Printing .....	2,110	25	1,991	94	NA	NA
Internal Revenue Service .....	55,840	0	48,039	7,801	NA	NA
Office of Thrift Supervision .....	144	0	144	0	NA	NA
United States Customs Service .....	5,305	0	0	5,305	NA	NA
United States Mint .....	785	0	0	785	NA	NA
United States Secret Service .....	531	0	531	0	NA	NA
Department of Veterans Affairs .....	339,088	148,438	183,846	6,804	NA	NA
Other agencies:						
Appalachian Regional Commission .....	831	0	831	0	NA	NA
Environmental Protection Agency .....	552,782	56,988	399,994	95,800	NA	NA
Federal Communications Commission .....	4,487	0	4,487	0	NA	NA
Federal Trade Commission .....	1,254	0	1,254	0	NA	NA
International Development Cooperation Agency, total .....	203,037	67	163,713	39,257	NA	NA
Agency for International Development <sup>5</sup> .....	203,037	67	163,713	39,257	NA	NA
Library of Congress .....	2,388	0	544	1,844	NA	NA
National Aeronautics & Space Administration .....	9,525,693	2,040,901	2,317,028	5,167,764	NA	NA
National Archives & Records Administration .....	120	0	120	0	NA	NA
National Science Foundation .....	2,506,031	2,359,503	146,528	0	NA	NA
Nuclear Regulatory Commission .....	49,000	0	49,000	0	NA	NA
Smithsonian Institution .....	90,000	90,000	0	0	NA	NA
Social Security Administration .....	53,282	0	53,282	0	NA	NA

See explanatory information, if any, and SOURCE at end of table.

**Table C-5. Federal obligations for total research and development, by agency  
and character of work: fiscal year 1999**

[Dollars in thousands]

Page 3 of 3

Agency and subdivision	Total	Research		Development		
		Basic	Applied	Total	Advanced technology	Major systems
United States Information Agency .....	117	0	117	0	NA	NA
United States International Trade Commission .....	9,738	0	9,738	0	NA	NA

- <sup>1</sup> The Department of the Army, Civil Functions (Corps of Engineers) development activities are appropriated by the Energy & Water Development Act and therefore cannot be categorized according to the advanced technology and major systems development breakdown.
- <sup>2</sup> The Agency for Health Care Policy and Research was renamed the Agency for Healthcare Research and Quality as stated in the Healthcare Research and Quality Act of 1999, signed by the President on December 6, 1999.
- <sup>3</sup> Data for fiscal years 1999-2001 from the Substance Abuse & Mental Health Services Administration (SAMHSA) are estimates based on SAMHSA's obligations by program activity budget and previously reported funding for development.
- <sup>4</sup> Effective April 1, 1999, all functions and authorities of the United States Arms Control & Disarmament Agency were transferred to the Department of State.
- <sup>5</sup> Since the experimental New Management System, which is an integrated system containing the Agency for International Development's (AID) budget and accounting records, does not contain codes for determining either fields of science and engineering or performer data, the National Science Foundation has estimated these data based on AID's Budget Authority (fiscal years 1999-2001) and AID's Federal funds survey submission to Vol. 44 (fiscal years 1994-1996). More accurate data for AID will be reported in future volumes of this survey.

**NOTES:** Data for only those agencies that had obligations in the variables represented by this table appear in the table. For a complete list of the Federal agencies that have been included in the Federal funds survey, refer to appendix A. For additional notes associated with the agencies listed in this table, refer to appendix B.

Beginning with Vol. 44, Department of Defense development obligations are reported in two categories: advanced technology and major systems.

**KEY:** NA = Not applicable (data are not collected in this category for this agency)

**SOURCE:** National Science Foundation/Division of Science Resources Studies, Survey of Federal Funds for Research and Development: Fiscal Years 1999, 2000, and 2001